



In re Application of:	Rao, et al.	)	Group Art Unit:	2858
Serial No:	10/785,421	)	Examiner:	T. Bellamy
Filed:	February 24, 2004	)	Our Account No:	04-1403
Confirmation No:	8574	)	Customer No:	22827
Title:	Carbon Nanotube Based Resonant-Circuit Sensor	)		

Commissioner for Patents  
U.S. Patent and Trademark Office  
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Sir:

The following is an Information Disclosure Statement for the captioned patent application, pursuant to 37 CFR Sections 1.56, 1.97, and 1.98.

1.[x] Attached hereto is:

- a.[x] A list of materials for consideration per Rule 98(a)(1): 2 page(s)
- b.[x] A legible copy of each patent, publication, or other item listed per Rule 98(1)(2), unless not required per Rule 98 and/or as indicated on the attached list(s):  
2 item(s)
- c.[ ] For each non-English language item listed, pursuant to Rule 98(a)(3), a concise explanation of the relevance thereof as it is presently understood by the individual designated in Rule 56(c) most knowledgeable about the content of such items: \_\_\_\_\_

[ ] Such explanation is provided in the Search Report from a corresponding application enclosed herewith along with any enclosed translation into English.

2.[x] This Information Disclosure Statement is being filed [CHECK ONE]:

- a.[x] WITHIN THREE MONTHS of the application filing date, national stage date of entry, or along with or after a request for continued examination, OR BEFORE the mailing date of a first Office Action on the merits, which ever event occurs last, WHEREFORE per Rule 97(b) NO filing fee or Rule 97(e) certificate is required.
- b.[ ] AFTER the time periods of section 2.a above, but BEFORE a Final Action, Notice of Allowance OR an action that otherwise closes prosecution, WHEREFORE PER Rule 97(c) submitted herewith is [CHECK ONE]:
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  - ii.[ ] Filing Fee per Rule 17(p) .....\$180.00
- c.[ ] AFTER a Final Action OR Notice of Allowance, but BEFORE payment of the issue fee, WHEREFORE per Rule 97(d) submitted herewith is:
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3.[ ] Rule 97(e) Certification; per Rule 97(e), the undersigned certifying party make the following certification statement [CHECK ONE]:

- a.[ ] That each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement; OR
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CERTIFYING PARTY (if different from bottom signature; omission here indicates that certification is being made by signer per signature below).

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4.[x] DEPOSIT ACCOUNT AUTHORIZATION: The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any fees in addition to the fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (deficiency only) now or hereafter relative to this application and the resulting official document under Rule 20, or credit any overpayment, to our Account No. shown in the heading hereof for which purpose a duplicate copy of this sheet is attached. This statement does not authorize charge of the issue fee in this case.

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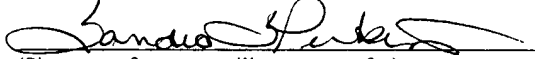
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By: Christina L. Mangelsen, Patent Agent

Reg. No: 50,244

Signature: 

Date: February 3, 2005



(Rev. 5/92) Information Disclosure Statement List By Applicant(s) Under 37 CFR Section 1.98(a) (1) (Use several sheets if necessary)	Attorney Docket Number: CXU-404	Serial Number: 10/785,421
	Applicant: Rao, et al.	
	Filing Date: February 24, 2004 Confirmation No: 8574	Group Art Unit: 2858

- NOTE: If no indication is made in the column marked "COPY NOTE," the required legible copy of the corresponding item is submitted herewith; otherwise, a copy is not required and/or not submitted, for the following reason(s) [corresponding reason number is listed in "COPY NOTE" column]"
- (1) This item is cumulative, per Rule 98(c)
  - (2) A copy of this item was previously cited by or submitted to the U.S. Patent and Trademark Office in:  
       USSN \_\_\_\_\_, filed \_\_\_\_\_, or  
       USSN \_\_\_\_\_, filed \_\_\_\_\_;  
       Relied on under 35 U.S.C. Section 120, per Rule 98(d)
  - (3) Both reasons (1) and (2) apply
  - (4) No legible complete copy is possessed, in custody of controlled, or readily available
  - (5) Per the U.S. Patent and Trademark Office's waiver of Rule 98(a)(2)(i), the item is a U.S. patent or patent application publication, and the present application was filed after June 30, 2003.

U.S. PATENT DOCUMENTS									
EXAMINER INITIALS	PATENTEE NAME	PATENT NUMBER				ISSUE DATE	COPY NOTE		

U.S. PATENT APPLICATION PUBLICATIONS									
EXAMINER INITIALS	APPLICANT'S NAME	PUBLICATION NUMBER				PUBLICATION DATE	COPY NOTE		

FOREIGN PATENT DOCUMENTS									
EXAMINER INITIALS	COUNTRY	DOCUMENT NUMBER				PUBLICATION DATE	TRANSLATION		
							YES	NO	N/A

\*"NO" means that no copy of an English language translation is within the possession, custody, or control of, or is readily available to any individual designated in Rule 56(c).

EXAMINER INITIALS	OTHER DOCUMENTS				COPY NOTE
	Specify author (if any), Title, Pertinent Pages, Date & Place of Publication				
	Article – <i>Selective gas detection using a carbon nanotube sensor</i> , S. Chopra, K. McGuire, N. Gothard, and A. M. Rao, Applied Physics Letters, Vol. 83, No. 11, 15 September 2003, pp. 2280-2282				
	Presentation Abstract – <i>Carbon Nanotubes Based Resonant Circuit Sensors For Gas Detection</i> , S. Chopra, K. McGuire, N. Gothard, A. Pham, and A. M. Rao, for the March 2003 Meeting of The American Physical Society, 1 page				

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Rev. 5/92) Information Disclosure Statement List By Applicant(s) Under 37 CFR Section 1.98(a) (1) (Use several sheets if necessary)	Attorney Docket Number: CXU-404	Serial Number: 10/785,421
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	Filing Date: February 24, 2004 Confirmation No: 8574	Group Art Unit: 2858

EXAMINER	DATE CONSIDERED
Examiner: initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.	